

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6346588".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/08 14:45
S2	8	"6410671".pn. or "5026490".pn. or "3671502".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/08 14:46
S3	10	S1 or S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/08 14:46
S4	3	("3836537"   "4704229").PN. OR ("6410671").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/08 15:13
S5	7	("4704229").URPN.	USPAT	AND	ON	2009/05/08 15:14
S6	7	("3411912"   "3497482"   "3671502" "4650848").PN. OR ("6346588"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/08 15:16
S7	34	("3730900"   "3952805"   "4317893" "4478727"   "4566978"   "4581147"   "4586568"   "4601758" "4602067"   "4618655"   "4626285"   "4644035"   "4683275" "4728445"   "4797450"   "4812244"   "4847327").PN. OR ("5026490").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/08 15:19
S8	52	("2833650"   "2863769"   "3483155" "3509111").PN. OR ("3671502"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/08 15:24
S9	2	"4650848".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 10:43
S10	2	"5153289".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 10:45

S11	24	tristyrylphenyl and betaine and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 10:48
S12	99	507/121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 11:09
S13	316	507/120.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 11:09
S14	861	528/332.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 11:09
S15	13	(S12 or S13 or S14)and betaine and copolymer and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 11:10
S16	11	("2002/0065208").URPN.	USPAT	AND	ON	2009/05/11 13:29
S17	4	S16 and betaine	USPAT	AND	ON	2009/05/11 13:30
S18	44	("3671502").URPN.	USPAT	AND	ON	2009/05/11 13:39
S19	12	S18 and betaine and copolymer and surfactant	USPAT	AND	ON	2009/05/11 13:39
S20	5	S18 and betaine and copolymer and (alkoxylat\$4 or hydroxylat\$)	USPAT	AND	ON	2009/05/11 13:40
S21	1	"3497482".pn.	USPAT	AND	ON	2009/05/11 14:00
S22	1	"2777872".pn.	USPAT	AND	ON	2009/05/11 14:03
S23	1	"2935493".pn.	USPAT	AND	ON	2009/05/11 14:06
S24	55	zwitterion\$4 and \$3polymer and betaine and alkoxylate\$2 and hydroxylate\$2	USPAT	AND	ON	2009/05/11 14:21
S25	1	\$3polymer and (monomer same betaine) and (monomer same alkoxylate\$2) and (monomer same hydroxylate\$2)	USPAT	AND	ON	2009/05/11 14:23

S26	0	\$3polymer and (monomer with betaine) and (monomer with alkoxyate\$2) and (monomer with hydroxylate\$2)	USPAT	AND	ON	2009/05/11 14:28
S27	0	(monomer with betaine) and (monomer with alkoxyate\$2) and (monomer with hydroxylate\$2)	USPAT	AND	ON	2009/05/11 14:28
S28	2	(monomer with betaine) and (monomer with alkoxyate\$2)	USPAT	AND	ON	2009/05/11 14:29
S29	18	(monomer same betaine) and (monomer same alkoxyate\$2)	USPAT	AND	ON	2009/05/11 14:58
S30	1	(monomer same betaine) and (monomer same alkoxyate\$2)and hydroxylate\$3	USPAT	AND	ON	2009/05/11 14:58
S31	12	copolymer same betaine and alkoxyate\$2 and hydroxylate\$2	USPAT	AND	ON	2009/05/11 15:01
S32	0	copolymer same betaine and (alkoxylatedmethacrylate)	USPAT	AND	ON	2009/05/11 15:03
S33	175	copolymer same betaine and (alkoxylated methacrylate)	USPAT	AND	ON	2009/05/11 15:03
S34	0	S33 and ("507".clas. or "166".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 15:04
S35	0	copolymer and (monomer same betaine) and (alkoxylated methacrylate)	USPAT	ADJ	ON	2009/05/11 15:05
S36	0	copolymer same betaine and (alkoxylated methacrylate)	USPAT	ADJ	ON	2009/05/11 15:05
S37	0	betaine and (alkoxylated methacrylate)	USPAT	ADJ	ON	2009/05/11 15:06
S38	53	betaine and (alkoxylat\$ with (acrylate or methacrylate))and copolymer	USPAT	ADJ	ON	2009/05/11 15:06
S39	17	(monomer same betaine) and (alkoxylat\$ with (acrylate or methacrylate))and copolymer	USPAT	ADJ	ON	2009/05/11 15:07
S40	33	copolymer and alkoxyate\$3 and (monomer with (sulfobetaine or phosphobetaine or betaine))	USPAT	ADJ	ON	2009/05/11 15:15
S41	0	WO-00/01746-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 15:33

S42	2	"4607076".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/11 15:36
S43	69	betaine copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 15:39
S44	2	S43 and alkoxyate\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 15:39
S45	2	"6133391".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 15:58
S46	42	("2838421"   "3096202"   "3411912" "3441430"   "3549605"   "3671502"   "3673158"   "3723260" "3723262"   "3763117"   "3770708"   "3861948"   "3865770" "3890292"   "3922464"   "4138345"   "4210489"   "4341680" "4413080"   "4413082"   "4442258"   "4569960"   "4985487" "5106416"   "5144060"   "5208295"   "5216048"   "5256751" "5489642"   "5652296"   "5846558").PN. OR ("6133391"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/11 15:59
S47	1	(betaine copolymer) and (betaine with pendant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 16:56
S48	2	"4985497".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 16:57
S49	6	"4985487".pn. or "5098699".pn. or "5045617".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:00

S50	1	(betaine copolymer) and (betaine same pendant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:04
S51	93	copolymer and (betaine same pendant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:04
S52	32	copolymer and (betaine with pendant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:04
S53	3491	copolymer and betaine and graft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:12
S54	405	(copolymer with betaine) and graft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:12
S55	5	(betaine copolymer) and graft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 17:13
S56	33	(US-20020065208-\$).did. or (US-6410671-\$ or US-6346588-\$ or US-5026490-\$ or US-3671502-\$ or US-4704229-\$ or US-5203411-\$ or US-6531628-\$ or US-4650848-\$ or US-6281172-\$ or US-6262299-\$ or US-5686024-\$ or US-7071156-\$ or US-7071261-\$ or US-7091275-\$ or US-7138438-\$ or US-6569976-\$ or US-5846558-\$ or US-5900229-\$ or US-4607076-\$ or US-6106940-\$ or US-6313246-\$ or US-6590051-\$ or US-6133391-\$ or US-4985487-\$ or US-5476660-\$ or US-4707306-\$).did. or (US-3770708-\$ or US-2935493-\$).did. or (US-4560710-\$ or US-4607076-\$ or US-5153289-\$ or US-20030159990-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/05/11 17:14

S57	12	S56 and (graft or pendant)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/05/11 17:15
S58	0	US-2008045420\$-.DID.	USPAT	AND	ON	2009/05/11 18:01
S59	0	US-2008045420\$-.DID.	USPAT	AND	ON	2009/05/11 18:01
S60	0	US-20080045420\$-.DID.	USPAT	AND	ON	2009/05/11 18:01
S61	0	US-20080045420\$-.DID.	USPAT	AND	ON	2009/05/11 18:02
S62	2	(US-20080045420-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/05/11 18:03
S63	33	(US-20020065208-\$).did. or (US-6410671-\$ or US-6346588-\$ or US-5026490-\$ or US-3671502-\$ or US-4704229-\$ or US-5203411-\$ or US-6531628-\$ or US-4650848-\$ or US-6281172-\$ or US-6262299-\$ or US-5686024-\$ or US-7071156-\$ or US-7071261-\$ or US-7091275-\$ or US-7138438-\$ or US-6569976-\$ or US-5846558-\$ or US-5900229-\$ or US-4607076-\$ or US-6106940-\$ or US-6313246-\$ or US-6590051-\$ or US-6133391-\$ or US-4985487-\$ or US-5476660-\$ or US-4707306-\$).did. or (US-3770708-\$ or US-2935493-\$).did. or (US-4560710-\$ or US-4607076-\$ or US-5153289-\$ or US-20030159990-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/05/11 18:06
S64	1	S63 and (graft or pendent)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/05/11 18:06
S65	7	copolymer and (betaine with pendent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 18:07
S66	8	copolymer and (betaine same pendent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/11 18:08
S67	1	"4601758".pn.	USPAT	AND	ON	2009/05/12 10:46
S68	0	copolymer and betaine and GIMMA	USPAT	AND	ON	2009/05/12 13:03

S69	1	copolymer and betaine and GMMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/12 13:03
S70	61	copolymer and betaine and (glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:30
S71	3	copolymer and (monomer with betaine) and (glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:32
S72	3	copolymer and (monomer same betaine) and (glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:32
S73	3	(monomer same betaine) and (glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:32
S74	62	betaine and polymer and (glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:32
S75	682	(glycerol (monomethacrylate or monoacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:31
S76	529	S75 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:31
S77	61	S76 and betaine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:31

S78	52	("2833650"   "2863769"   "3483155"   "3509111").PN. OR ("3671502").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/13 10:32
S79	14	("5686024").URPN.	USPAT	AND	ON	2009/05/13 11:40
S80	9	S79 and betaine	USPAT	AND	ON	2009/05/13 11:41
S81	1	"3766156".pn.	USPAT	AND	ON	2009/05/13 11:46
S82	1	"4746455".pn.	USPAT	AND	ON	2009/05/13 12:47
S84	1	"4704229".pn.	USPAT	AND	ON	2009/05/13 16:58

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